

207005/31/05

Revised

**CITY OF RIVERSIDE**  
**HUMAN RESOURCES DEPARTMENT**  
**CLASSIFICATION SPECIFICATION**

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**TITLE:** **FIRE ENGINEER**

**DEFINITION**

Under general supervision, to operate and maintain fire trucks and engines, firefighting and rescue equipment, and fire stations; to participate in fire prevention activities in protecting life and property; and to do related work as required.

**REPORTS TO:** Fire Captain

**SUPERVISION RECEIVED AND EXERCISED**

Receives general supervision from a Fire Captain. Exercises general supervision over technical, protective service and administrative support staff as assigned.

**EXAMPLES OF DUTIES**

Typical duties may include, but are not necessarily limited to, the following:

- Drive and operate fire equipment.
- Maintain fire apparatus and other emergency vehicles.
- Respond to incidents and select the most direct route to a fire.
- Lay hose lines and operate engine pumping equipment as required.
- Hold nozzles to direct stream of water on fire.
- Assist in overhaul and salvage operations.
- Respond to rescue calls and administer first aid.
- Operate radio-telephone equipment.
- Inspect equipment and maintain fuel and oil supply.
- Wash and test fire hose.
- Clean station quarters and equipment and maintain a clean and orderly condition in and about the station.
- Study Fire Department rules and regulations, fire hazards, and firefighting techniques.
- Participate in fire drills and training exercises.
- Conduct fire prevention inspection and education programs.
- Prepare reports with respect to equipment maintenance and work operations.
- Instruct fire personnel in the operation and maintenance of fire equipment.
- Serve as Acting Fire Captain as assigned.

## QUALIFICATIONS

### Knowledge of:

- Street systems, the physical layout of the City, and the location of fire hydrants.
- Firefighting methods and techniques.
- Operating and mechanical principles involved in the operation of fire apparatus and equipment.
- Fire hydraulics.
- First aid and CPR.
- Rules, regulations, and operational procedures of the Fire Department.

### Ability to:

- Establish and maintain cooperative relationships with those contacted in the course of work.
- Understand and follow oral and written instructions quickly and accurately.
- Operate and maintain fire equipment and apparatus.
- Think and act quickly in emergencies.
- Write clear, concise, and accurate reports.
- Perform field calculations in hydraulics for proper and safe operations-at emergency scenes.
- Work overtime as required.

### Experience and Education:

Any combination equivalent to experience and education that could likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience: Three years of municipal firefighting experience.

Education: Equivalent to the completion of the twelfth grade.

**MEDICAL CATEGORY:** Group 3

### NECESSARY SPECIAL REQUIREMENT

At a minimum, possession of a valid non-commercial firefighter restricted Class "B" California Motor Vehicle Operators License.

### CAREER ADVANCEMENT OPPORTUNITIES

**FROM:** Fire Engineer

**TO:** Fire Captain